

LAKE: POGY P  
TOWN: T04 R09 WELS  
COUNTY: PISCATAQUIS

MIDAS: 4206  
TRUE BASIN: 1  
SAMPLE STATION: 1

#### WHOLE LAKE INFORMATION

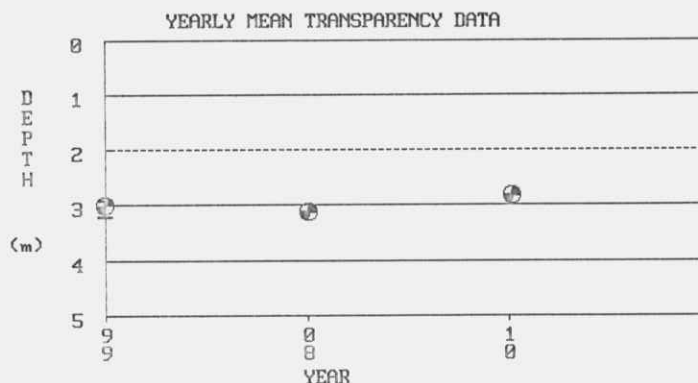
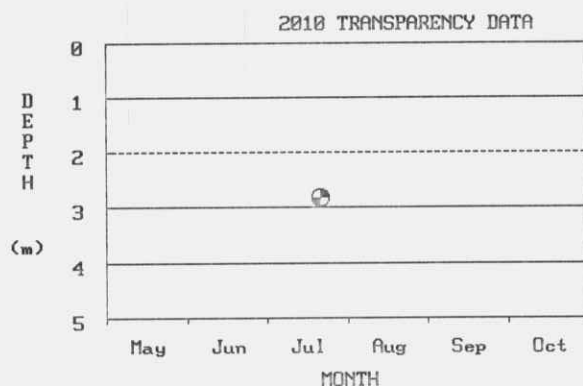
MAX. DEPTH: Undetermined  
MEAN DEPTH: Undetermined  
DELORME ATLAS #: 51  
USGS QUAD: WASSATAQUOIK LAKE  
IFW REGION F: Penobscot (Enfield)  
IFW FISH. MANAGEMENT: None

#### TRUE BASIN CHARACTERISTICS

SURFACE AREA: 9.5 ha. (23.5 a.)  
FLUSHING RATE: 5.36 flushes/yr.  
VOLUME: 286800.0 cu. m. (233 ac.-ft.)  
DIRECT DRAINAGE AREA: 1.46 sq. km. (0.56 sq. mi.)

PLEASE NOTE THE FOLLOWING: The SAMPLE STATION # refers to the location sampled. The term TRUE BASIN is used to define areas within a lake that are separated by shallow reefs or shoals and therefore function as separate lakes. There are approximately 50 lakes in the state that have more than 1 True Basin. True Basin Characteristics are now being included in the first section of these reports to enable users of the Phosphorous Loading Methodology to better evaluate the data. If there is no data for a particular True Basin, True Basin Characteristics must be obtained from the DEP. POGY P has 1 True Basin(s).

#### SECCHI DISK TRANSPARENCY GRAPHS:



Note: 2010 graphs may indicate multiple readings taken on a given day.

#### SUMMARY OF CHEMICAL AND TROPHIC STATE PARAMETERS:

[\* indicates that Secchi disk was visible at bottom of lake (or one reading used in calculation was visible)].

YEAR	MEAN				MEAN				TOTAL PHOS. MEANS (ppb)				SECCHI DISK (m.)				CHLOROPHYLL A(ppb)			TROPIC STATE INDICES			
	COLOR	pH	ALK	COND.	EPI	SURF	BOT.	PRO.	CORE	GRAB	GRAB	GRAB	MIN.	MEAN	MAX.	N	MIN.	MEAN	MAX.	EPI PHOS			
	(SPU)		(mg/l)	(uS /cm)																C	G	SEC	CHL
1999	8	-	3.0	12	-	10	-	-	-	-	-	-	2.9	3.0	3.2	1	-	-	-	-	-	-	-
2008	-	6.60	1.0	11	-	-	-	-	-	-	-	-	3.1	3.1	3.1	1	-	-	-	-	-	-	-
2009	-	-	-	-	-	7	-	-	-	-	-	-	-	-	-	-	1.8	2.1	2.3	-	-	-	-
2010	-	-	-	-	-	10	-	-	-	-	-	-	2.8	2.8	2.8	1	2.1	2.1	2.1	-	-	-	-
SUMMARY:	8	6.60	2.0	12	-	9	-	-	-	-	-	-	2.8	3.0	3.2	3	1.8	2.1	2.3	-	-	-	-

#### LATE SUMMER TEMPERATURE / DISSOLVED OXYGEN PROFILES:

DEPTH	SAMPLE DATE					
	08/23/99		08/06/08		08/05/09	
m	°C	ppm	°C	ppm	°C	ppm
0.0	21.0	8.5	22.4	8.8	24.0	8.2
1.0	21.0	8.4	21.6	8.8	24.0	8.2
2.0	21.0	8.4	21.3	8.7	23.9	8.3
3.0	21.0	8.4	21.3	8.7	23.3	8.4

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		SAMPLE DATE					
DEPTH	08/23/99		08/06/08		08/05/09		
	m	°C	ppm	°C	ppm	°C	ppm
4.0	-	-	21.2	8.4	22.6	8.1	